

3794 - Monroe Avenue and Chestnut Street Underpass Drainage Improvement Design and Construction

Application Details

Funding Opportunity: 3293-Virginia Community Flood Preparedness Fund - Project Grants - CY25 Round 6

Funding Opportunity Due Date: Dec 1, 2025 11:59 PM

Program Area: Virginia Community Flood Preparedness Fund

Status: Under Review

Stage: Final Application

Initial Submit Date: Dec 1, 2025 5:09 PM

Initially Submitted By: Sherwin Zahirieh

Last Submit Date:

Last Submitted By:

Contact Information

Primary Contact Information

Active User*: Yes

Type: External User

Name*: Mr. Sherwin Middle Name Zahirieh
Salutation First Name Last Name

Title: Contractor

Email*: sherwin.zahirieh@aecom.com

Address*: 222 Central Park Ave, Suite 300

Virginia Beach Virginia 23462
City State/Province Postal Code/Zip

Phone*: 703-307-8236 Ext.
Phone
###-###-####

Fax: ###-###-####

Comments:

Organization Information

Status*: Approved
Name*: AECOM
Organization Type*:
Tax ID*: 952661922
Unique Entity Identifier (UEI)*: EPUXNLX5EYC4
Organization Website:
Address*: 3101 Wilson Blvd

Phone*: 703-307-8236 Ext.
Arlington Virginia 22201-4443
City State/Province Postal Code/Zip
###-###-####
Fax: ###-###-####

Benefactor:

Vendor ID:

Comments:

VCFPF Applicant Information

Project Description

Name of Local Government*: City of Covington

Your locality's CID number can be found at the following link: [Community Status Book Report](#)

NFIP/DCR Community 510040

Identification Number (CID)*:

If a state or federally recognized Indian tribe,

Name of Tribe:

Authorized Individual*: Anthony Lowry
First Name Last Name

Mailing Address*: 340 E. Walnut St
Address Line 1
Address Line 2
Covington Virginia 24426
City State Zip Code

Telephone Number*: 540-965-6524

Cell Phone Number*: 540-960-1098

Email*: alowry@covington.va.us

Is the contact person different than the authorized individual?

Contact Person*: No

Enter a description of the project for which you are applying to this funding opportunity

Project Description*:

The engineering design and construction for drainage improvements at the Chestnut Street and Monroe Avenue underpasses, two critical locations within the City's transportation network that frequently flood during intense rainfall events due to lack of conveyance capacity. This project would mitigate flooding and allow personal and emergency vehicles to move in and out of the City during extreme storm events.

Low-income geographic area means any locality, or community within a locality, that has a median household income that is not greater than 80 percent of the local median household income, or any area in the Commonwealth designated as a qualified opportunity zone by the U.S. Secretary of the Treasury via his delegation of authority to the Internal Revenue Service. A project of any size within a low-income geographic area will be considered.

Is the proposal in this application intended to benefit a low-income geographic area as defined above?

Benefit a low-income geographic area*: Yes

Information regarding your census block(s) can be found at census.gov

Census Block(s) Where Project will Occur*: 601 and 602

Is Project Located in an NFIP Participating Community?* Yes

Is Project Located in a Special Flood Hazard Area?* Yes

Flood Zone(s) (if applicable): A, AE, X

Flood Insurance Rate Map Number(s) (if applicable):

51005C-0213D, 51005C-0194D, 51005C-0211D, 51005C-0205D, 51005C-0192D

Eligibility CFPF - Round 4 - Projects

Eligibility

Is the applicant a local government (including counties, cities, towns, municipal corporations, authorities, districts, commissions, or political subdivisions created by the General Assembly or pursuant to the Constitution or laws of the Commonwealth, or any combination of these)?

Local Government*: Yes
Yes - Eligible for consideration
No - Not eligible for consideration

Does the local government have an approved resilience plan and has provided a copy or link to the plan with this application?

Resilience Plan*: Yes
Yes - Eligible for consideration under all categories
No - Eligible for consideration for studies, capacity building, and planning only

If the applicant is not a town, city, or county, are letters of support from all affected local governments included in this application?

Letters of Support*: N/A
Yes - Eligible for consideration
No - Not eligible for consideration
N/A - Not applicable

Has this or any portion of this project been included in any application or program previously funded by the Department?

Previously Funded*: No
Yes - Not eligible for consideration
No - Eligible for consideration

Has the applicant provided evidence of an ability to provide the required matching funds?

Evidence of Match Funds*: N/A
Yes - Eligible for consideration
No - Not eligible for consideration
N/A - Match not required

Scoring Criteria for Flood Prevention and Protection Projects - Round 4

Scoring

Category Scoring:

Hold CTRL to select multiple options

Project Category*: All other projects

Is the project area socially vulnerable? (based on ADAPT Virginia's Social Vulnerability Index Score)

Social Vulnerability Scoring:

Very High Social Vulnerability (More than 1.5)

High Social Vulnerability (1.0 to 1.5)

Moderate Social Vulnerability (0.0 to 1.0)

Low Social Vulnerability (-1.0 to 0.0)

Very Low Social Vulnerability (Less than -1.0)

Socially Vulnerable*: Moderate Social Vulnerability

Is the proposed project part of an effort to join or remedy the community's probation or suspension from the NFIP?

NFIP*: No

Is the proposed project in a low-income geographic area as defined below?

"Low-income geographic area" means any locality, or community within a locality, that has a median household income that is not greater than 80 percent of the local median household income, or any area in the Commonwealth designated as a qualified opportunity zone by the U.S. Secretary of the Treasury via his delegation of authority to the Internal Revenue Service. A project of any size within a low-income geographic area will be considered.

Low-Income Geographic Area*: Yes

Projects eligible for funding may also reduce nutrient and sediment pollution to local waters and the Chesapeake Bay and assist the Commonwealth in achieving local and/or Chesapeake Bay TMDLs. Does the proposed project include implementation of one or more best management practices with a nitrogen, phosphorus, or sediment reduction efficiency established by the Virginia Department of Environmental Quality or the Chesapeake Bay Program Partnership in support of the Chesapeake Bay TMDL Phase III Watershed Implementation Plan?

Reduction of Nutrient and Sediment Pollution*: No

Does this project provide "community scale" benefits?

Community Scale Benefits*: 50-100% of census block

Expected Lifespan of Project

Expected Lifespan of Project*: Over 20 Years

Comments:

The infrastructure of this project will have a lifespan well beyond 20 Years as long as proper O&M measures are taken.

Scope of Work - Projects - Round 4

Scope of Work

Upload your Scope of Work

Please refer to Part IV, Section B. of the grant manual for guidance on how to create your scope of work

Scope of Work*: Covington Drainage Improvements SOW.pdf

Comments:

Budget Narrative

Budget Narrative Attachment*: Covington Drainage Improvements Budget Narrative.pdf

Comments:

Scope of Work Supporting Information - Projects

Supporting Information - Projects

Provide population data for the local government in which the project is taking place

Population*: 5663.00

Provide information on the flood risk of the project area, including whether the project is in a mapped floodplain, what flood zone it is in, and when it was last mapped. If the property or area around it has been flooded before, share information on the dates of past flood events and the amount of damage sustained

**Historic Flooding data and
Hydrologic Studies*:**

CovingtonDrainageStudyFINALMarch2025_withAppendices1-compressed.pdf

Include studies, data, reports that demonstrate the proposed project minimizes flood vulnerabilities and does not create flooding or increased flooding (adverse impact) to other properties

No Adverse Impact*:

CovingtonDrainageStudyFINALMarch2025_withAppendices1-compressed.pdf

Include supporting documents demonstrating the local government's ability to provide its share of the project costs. This must include an estimate of the total project cost, a description of the source of the funds being used, evidence of the local government's ability to pay for the project in full or quarterly prior to reimbursement, and a signed pledge agreement from each contributing organization

**Ability to Provide Share of
Cost*:** Authorization Letter.pdf

A benefit-cost analysis must be submitted with the project application

Benefit-Cost Analysis*: Covington-BCA-Report-20251122.pdf

If applicable, provide the Department with the current floodplain ordinance by link or attachment.

Local Floodplain Management Floodplain Ordinance.pdf

Regulations:

Provide a list of repetitive loss and/or severe repetitive loss properties. Do not provide the addresses for the properties, but include an exact number of repetitive loss and/or severe repetitive loss structures within the project area

Repetitive Loss and/or Severe Repetitive Loss Data.pdf

Repetitive Loss Properties*:

Describe the residential and commercial structures impacted by this project, including how they contribute to the community such as historic, economic, or social value. Provide an exact number of residential structures and commercial structures in the project area

**Residential and/or Commercial
Structures*:**

Six residential structures and two commercial structures are located directly adjacent to the Chestnut Street Underpass.

One residential structure and one commercial structure are located adjacent to the Chestnut Street Underpass.

However, this project impacts all City residents who must cross the underpass to enter or leave the City.

Both underpasses intersect with CSX Railway.

If there are critical facilities/infrastructure within the project area, describe each facility

Critical Facilities/Infrastructure*:

The Critical Infrastructure within the project area are the Chestnut Street and Monroe Avenue underpasses, which are critical points within the City's transportation network. Flooding regularly occurs at these underpasses, as documented in the supporting images, preventing the safe movement of vehicles throughout the City..

Explain the local government's financial and staff resources. How many relevant staff members does the local government have? To what relevant software does the local government have access? What are the local government's capabilities?

Financial and Staff Resources*:

The City has a Public Works department which has a Streets Department and a Water/Sewer Department, which would be involved in overseeing this project. The City does not have the financial and technical staffing resources to undertake this project in-house, although they do have the capability to manage contractor's who will be doing the engineering design, permitting, and construction of this project.

If the project proposed does not employ a nature-based or hybrid solution and the total project cost is greater than \$2 million, describe at least one alternative that could reasonably address the issue identified. Please also consider the No Action Option as a third alternative as part of the analysis. Explain these alternatives and the reason the proposed project was selected.

Alternatives:

Identify and describe the goals and objectives of the project. Include a description of the expected results of the completed project and explain the expected benefits of the project. This may include financial benefits, increased awareness, decreased risk, etc.

Goals and Objectives*:

The primary goal of this project is to mitigate the flooding that occurs at the Chestnut Street and Monroe Avenue underpasses, which are key location's in the City's transportation network. This project will increase the conveyance capacity of the drainage infrastructure at those locations so that it can convey the 10-year 24-hour storm and allow for the safe movement of vehicles at those two locations. This would increase the safety and reduce the risk to the community and emergency responders during extreme storm events.

Outline a plan of action laying out the scope and detail of how the proposed work will be accomplished with a timeline identifying expected completion dates. Determine milestones for the project that will be used to track progress. Explain what deliverables can be expected at each milestone, and what the final project deliverables will be. Identify other project partners

Approach, Milestones, and Deliverables*: Covington Drainage Improvements SOW.pdf

Where applicable, briefly describe the relationship between this project and other past, current, or future resilience projects. If the applicant has received or applied for any other grants or loans, please identify those projects, and, if applicable, describe any problems that arose with meeting the obligations of the grant and how the obligations of this project will be met

Relationship to Other Projects*:

These proposed projects were identified in the City's Drainage Study and Resilience Plan that were recently completed. The City has also applied for grants to support these projects from the Virginia Department of Emergency Management, although no word from that has yet been received.

For ongoing projects or projects that will require future maintenance, such as infrastructure, flood warning and response systems, signs, websites, or flood risk applications, a maintenance, management, and monitoring plan for the projects must be provided

Maintenance Plan*: MaintenancePlan.pdf

Describe how the project meets each of the applicable scoring criteria contained in Appendix B. Documentation can be incorporated into the Scope of Work Narrative

Criteria*:

Please see Scope of Work narrative.

Budget

Budget Summary

Grant Matching Requirement*:

LOW INCOME - Projects that will result in hybrid solutions - Fund 90%/Match 10%

Is a match waiver being requested?

Match Waiver Request Yes

Note: only low-income communities are eligible for a match waiver.

*:

I certify that my project is in a low-income geographic area: Yes

Total Project Amount (Request + Match)*: \$6,345,554.00
**This amount should equal the sum of your request and match figures

REQUIRED Match Percentage Amount: \$634,555.40

BUDGET TOTALS

Before submitting your application be sure that you meet the match requirements for your project type.

Match Percentage:

10.00%

Verify that your match percentage matches your required match percentage amount above.

Total Requested Fund Amount: \$5,710,999.14

Total Match Amount: \$634,555.46

TOTAL: \$6,345,554.60

Personnel

Description	Requested Fund Amount	Match Amount	Match Source
No Data for Table			

Fringe Benefits

Description	Requested Fund Amount	Match Amount	Match Source
No Data for Table			

Travel

Description	Requested Fund Amount	Match Amount	Match Source
No Data for Table			

Equipment

Description	Requested Fund Amount	Match Amount	Match Source
No Data for Table			

Supplies

Description	Requested Fund Amount	Match Amount	Match Source
No Data for Table			

Construction

Description	Requested Fund Amount	Match Amount	Match Source
No Data for Table			

Contracts

Description	Requested Fund Amount	Match Amount	Match Source
Construction	\$5,191,817.40	\$576,868.60	Cash
Engineering Design and Permitting	\$519,181.74	\$57,686.86	Cash
	\$5,710,999.14	\$634,555.46	

Maintenance Costs

Description	Requested Fund Amount	Match Amount	Match Source
No Data for Table			

PreAward and Startup Costs

Description	Requested Fund Amount	Match Amount	Match Source
No Data for Table			

Other Direct Costs

Description	Requested Fund Amount	Match Amount	Match Source
No Data for Table			

Long and Short Term Loan Budget - Projects - VCFPF

Budget Summary

Are you applying for a short term, long term, or no loan as part of your application?

If you are not applying for a loan, select "not applying for loan" and leave all other fields on this screen blank

Long or Short Term*: Not Applying for Loan

Total Project Amount: \$0.00

Total Requested Fund Amount: \$0.00

TOTAL: \$0.00

Salaries

Description	Requested Fund Amount
No Data for Table	

Fringe Benefits

Description	Requested Fund Amount
No Data for Table	

Travel

Description	Requested Fund Amount
No Data for Table	

Equipment

Description	Requested Fund Amount
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Description		Requested Fund Amount
		No Data for Table
<i>Supplies</i>		
Description		Requested Fund Amount
		No Data for Table
<i>Construction</i>		
Description		Requested Fund Amount
		No Data for Table
<i>Contracts</i>		
Description		Requested Fund Amount
		No Data for Table
<i>Other Direct Costs</i>		
Description		Requested Fund Amount
		No Data for Table

Supporting Documentation

Supporting Documentation

Named Attachment	Required Description	File Name	Type	Size	Upload Date
Detailed map of the project area(s) (Projects/Studies)	Detailed City Map	Detailed Map of Covington.pdf	pdf	962 KB	11/29/20 01:46 P
FIRMette of the project area(s) (Projects/Studies)	Covington FIRM	Covington - FIRM.pdf	pdf	53 MB	11/29/20 01:56 P
Historic flood damage data and/or images (Projects/Studies)	Images from recent flood events	Recent Flooding Images.pdf	pdf	4 MB	11/30/20 09:37 A
A link to or a copy of the current floodplain ordinance	Floodplain Ordinance	Floodplain Ordinance.pdf	pdf	8 MB	11/30/20 12:13 P

Named Attachment	Required Description	File Name	Type	Size	Upload Date
Maintenance and management plan for project	Maintenance and Management Plan	Management and Maintenance Plan.pdf	pdf	58 KB	11/30/20 12:34 P
A link to or a copy of the current hazard mitigation plan	Up to 2025 Plan that is currently undergoing VDEM/FEMA Review	HMP_Draft_for_Submission_10.10.25_with_COVER.pdf	pdf	9 MB	11/29/20 01:48 P
A link to or a copy of the current comprehensive plan	Current Comprehensive Plan	Covington Comprehensive Plan.pdf	pdf	41 MB	11/29/20 01:50 P
Social vulnerability index score(s) for the project area	Social Vulnerability Rating - Moderate	Covington Social Vulnerability.jpg	jpg	136 KB	11/29/20 01:52 P
Authorization to request funding from the Fund from governing body or chief executive of the local government	Authorization Letter	Covington Drainage Improvements SOW.pdf	pdf	438 KB	12/01/20 05:03 P
Signed pledge agreement from each contributing organization					
Maintenance Plan	Maintenance Plan	MaintenancePlan.pdf	pdf	57 KB	11/30/20 12:13 P
<i>Benefit-cost analysis must be submitted with project applications over \$2,000,000. in lieu of using the FEMA benefit-cost analysis tool, applicants may submit a narrative to describe in detail the cost benefits and value. The narrative must explicitly indicate the risk reduction benefits of a flood mitigation project and compares those benefits to its cost-effectiveness.</i>					
Benefit Cost Analysis	BCA Data and Text	Covington-BCA-Report-20251122.pdf	pdf	16 MB	11/30/20 12:17 P
Other Relevant Attachments	Note regarding funding request	Funding Request Note.pdf	pdf	141 KB	12/01/20 12:55 P

Letters of Support

Description	File Name	Type	Size	Upload Date
No files attached.				

Resilience Plan

Resilience Plan

Description	File Name	Type	Size	Upload Date
Resilience Plan - Second Half	Resilience Plan_2.pdf	pdf	186 MB	12/01/2025 12:56 PM
Resilient Plan - First Half	Resilience Plan_1.pdf	pdf	40 MB	12/01/2025 12:56 PM